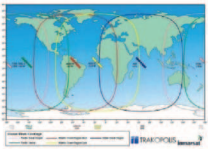


Track.Everything



DMR-800BAT Satellite Terminal



Satellite messaging over the Global Inmarsat Network

High Detail Data Log

Saves detailed information when required to be sent at next availability

Low Latency

Message Delays eliminated due to true global coverage

Over-the-Air Programming

Certain features can be programmed or modified over the air eliminating an expensive Technician visit

IP67 Enclosure

Space for terminal and/or optional batteries and accessories

Mobile Resource Management
Simplified

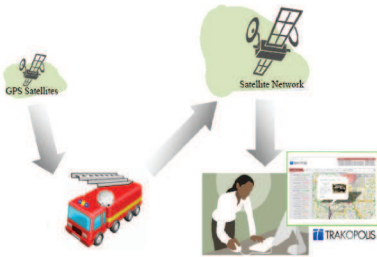
CERTIFICATIONS & COMPLIANCE

Satellite

Inmarsat D+/IsatM2m Type Approval

Regulatory

FCC, RoHS, CE Mark (R&TTE), Anatel: IEC/EN 60945



GPS

Channels

16 channels; 1575.42 MHz

Acquisition Time

Cold Start: 34 s
SuperSense®: -148 dBm

Accuracy

2.5 m CEP; 5 m SEP

SATELLITE MESSAGING

From-Terminal

10.5 bytes or 25.5 bytes

To-Terminal

4 alert codes + up to 100 bytes

SATELLITE COMMUNICATIONS (D+/ISATM2M)

Frequency

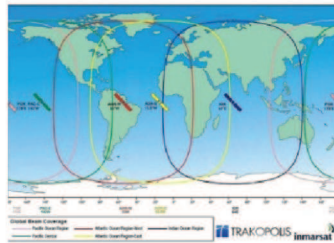
Rx: 1525.0 to 1559.0 MHz; 32-FSK
Tx: 1626.5 to 1660.5 MHz; 2-FSK

EIRP

9 dBW max

Elevation Angle

0 to +90 degrees



ELECTRICAL

Power Consumption (typical @ 12 VDC)

Transmit mode: 7.6 W
Tracking mode (GPS on): 0.9 W
Sleep: 3 mW

Mating Connector

Conxaill Mini-Con-X® 6282-8SG-3DC

ENVIRONMENTAL

Operating Temperature

-40°C to +70°C

Storage Temperature

-40°C to +85°C

Humidity

95% Relative Humidity at +30°C non-condensing

Dust & Water Ingress

IP67/NEMA-4X

Vibration

5 - 20 Hz; 1.92 m²/s³ random noise
20 - 500 Hz; -3dB octave random noise

Shock (survival)

Half sine 6 ms, 300 m/s²

MEMORY

Data Log Capacity

320 kB; Up to 17,200 points



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